

# Corrected IDS

Sheet 1 of 7

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. UPN-4914/Q3431		Application No. 10/585,718
	Applicant Carl T. Brighton		
	Filing Date January 9, 2007		Group Not Yet Assigned
	Confirmation No. Not Yet Assigned		
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>1</b>	Aaron, R.K., et al., "The conservative treatment of osteonecrosis of the femoral head," <i>Clin. Orthop.</i> , <b>1989</b> , 249, 209-218	
	<b>2</b>	Aaron, R.K., et al., "Stimulation of experimental endochondral ossification by low-energy pulsing electromagnetic fields," <i>J. Bone Miner. Res.</i> , November 2, <b>1989</b> , 4, 227-233	
	<b>3</b>	Bassett, C.A.L., "Low energy pulsing electromagnetic fields modify biomedical processes," <i>BioEssays</i> , <b>1987</b> , 6(1), 36-42	
	<b>4</b>	Bassett, C.A.L., et al., "Effects of pulsed electromagnetic fields on Steinberg ratings of femoral head osteonecrosis," <i>Clin. Orthop.</i> , September <b>1989</b> , 246, 172-185	
	<b>5</b>	Bassett, C.A.L., et al., "Fundamental and practical aspects of therapeutic uses of pulsed electromagnetic fields (PEMSs)," <i>Crit. Rev. Biomed. Eng.</i> , <b>1989</b> , 17(5), 451-529	
	<b>6</b>	Bassett, C.A.L., et al., "Pulsing electromagnetic field treatment in ununited fractures and failed arthrodeses," <i>JAMA</i> , February 5, <b>1982</b> , 247(5), 623-628	
	<b>7</b>	Binder, A., et al., "Pulsed electromagnetic field therapy of persistent rotator cuff tendonitis," <i>Lancet</i> , March 31, <b>1984</b> , 695-698	
	<b>8</b>	Brighton, C.T., et al., "A multicenter study of the treatment of non-union with constant direct current," <i>J. Bone and Joint Surgery</i> , January <b>1981</b> , 62-A(1), 2-13	
	<b>9</b>	Brighton, C.T., et al., "Treatment of recalcitrant non-union with a capacitively coupled electrical field," <i>J. Bone and Joint Surgery</i> , April <b>1985</b> , 67-A(4), 577-585	
	<b>10</b>	Brighton, C.T., et al., "Treatment of castration-induced osteoporosis by a capacitively coupled electrical signal in rat vertebrae," <i>J. Bone and Joint Surgery</i> , February <b>1989</b> , 71-A(2), 228-236	
<b>EXAMINER</b>		/James Ketter/	<b>DATE CONSIDERED</b> 04/21/2011

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	<b>11</b>	Brighton, C.T., et al., "Increased cAMP production after short-term capacitively coupled stimulation in bovine growth plate chondrocytes," <i>J. Orthop. Res.</i> , <b>1988</b> , 6, 552-558	
	<b>12</b>	Brighton, C.T., et al., "Treatment of denervation/disuse osteoporosis in the rat with a capacitively coupled electrical signal: effects on bone formation and bone resorption," <i>J. Orthop. Res.</i> , <b>1988</b> , 6, 676-684	
	<b>13</b>	Brighton, C.T., et al., "Fracture healing in the rabbit fibula when subjected to various capacitively coupled electrical fields," <i>J. Orthop. Res.</i> , <b>1985</b> , 3, 331-340	
	<b>14</b>	Brighton, C.T., et al., " <i>In vitro</i> bone-cell response to a capacitively coupled electrical field," <i>Clin. Orthop. Related Res.</i> , December <b>1992</b> , 285, 255-262	
	<b>15</b>	Brighton, C.T., et al., "Signal transduction in electrically stimulated bone cells," <i>J. Bone Joint Surg. Am.</i> , <b>2001</b> , 83-A(10), 1514-1523	
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	<b>17</b>	Goodman, R., et al., "Exposure of salivary gland cells to low-frequency electromagnetic fields alters polypeptide synthesis," <i>Proc. Natl. Acad. Sci. USA</i> , June <b>1988</b> , 85, 3928-3932	
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	<b>19</b>	Grodzinsky, A.J., "Electromechanical and physicochemical properties of connective tissue," <i>Crit. Rev. Biomed. Engng.</i> , <b>1983</b> , 9(2), 133-198	
	<b>20</b>	Harrison, M.H.M., et al., "Use of pulsed electromagnetic fields in perthes disease: report of a pilot study," <i>J. Pediatr. Orthop.</i> , <b>1984</b> , 4, 579-584	
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	<b>21</b>	Jones, D.B., et al., "PEMF effects on differentiation and division in mirine melanoma cells are mediated indirectly through cAMP," <i>Trans. BRAGS</i> 6, <b>1986</b> , 51				
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	<b>23</b>	Massardo, L., et al., "Osteoarthritis of the knee joint: an eight year prospective study," <i>Ann Rheum Dis.</i> , <b>1989</b> , 48, 893-897				
	<b>24</b>	Mooney, V., "A randomized double-blind prospective study of the efficacy of pulsed electromagnetic fields for inter body lumbar fusions," <i>Spine</i> , <b>1990</b> , 15(7), 708-712				
	<b>25</b>	Norton, L.A., et al., "Pulsed electromagnetic fields alter phenotypic expression in chondroblasts in tissue culture," <i>J. Orthop. Res.</i> , <b>1988</b> , 6, 685-689				
	<b>26</b>	Pienkowski, D., et al., "Low-power electromagnetic stimulation of osteotomized rabbit fibuiae," <i>J. of Bone &amp; Joint Surgery</i> , <b>1994</b> , 76-A(4), 489-501				
	<b>27</b>	Rodan, G.A., et al., "DNA synthesis in cartilage cells is stimulated by oscillating electric fields," <i>Science</i> , February 10, <b>1978</b> , 199, 690-692				
	<b>28</b>	Ryaby, J.T., et al., "Pulsing electromagnetic fields affect the phosphorylation and expression of oncogene proteins," <i>Trans. BRAGS</i> 6, <b>1986</b> , page 78				
	<b>29</b>	Ryaby, J.T., et al., "The effect of electromagnetic fields on protein phosphorylation and synthesis in murine melanoma cells," <i>BRAGS</i> , page 32 (1986)				
	<b>30</b>	Wang, W., et al., "The increased level of PDGF-A constributes to the increased proliferation induced by mechanical stimulation in osteoblastic cells," <i>Biochem. And Molecular Biol. International</i> , October <b>1997</b> , 43(2), 339-346				
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	<b>31</b>	Wang, W., et al., "Up-regulation of chondrocyte matrix genes and products by electric fields," <i>Clin. Orthopaedics &amp; Related Res.</i> , 427S, S163-S173 (2004)	
	<b>32</b>	Zhuang, H., et al., "Mechanical strain-induced proliferation of osteoblastic cells parallels increased TGF- $\beta$ 1 mRNA," <i>Biochem. Biophys. Res. Commun.</i> , <b>1996</b> , 229, 449-453	
	<b>33</b>	Zhuang, H., et al., "Electrical stimulation induces the level of TGF- $\beta$ 1 mRNA in osteoblastic cells by a mechanism involving calcium/calmodulin pathway," <i>Biochem. Biophys. Res. Commun.</i> , <b>1997</b> , 237, 225-229	
	<b>34</b>	Brighton, C.T., et al., "Prevention and treatment of sciatic denervation disuse osteoporosis in rat tibia with capacitively coupled electrical stimulation," <i>Bone</i> , <b>1985</b> , 6, 87-97	
	<b>35</b>	Brighton, C.T., et al., "Treatment of nonunion of the tibia with a capacitively coupled electrical field," <i>J. of Trauma</i> , <b>1984</b> , 24(2), 153-155	
	<b>36</b>	Brighton, C.T., et al., "Tibial nonunion treated with direct current, capacitive coupling, or bone graft," <i>Clin. of Orthop. and Related Res.</i> , <b>1995</b> , 321, 223-234	
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	37	4,430,999	02/14/84	Brighton, et al.	128	419
	38	4,442,846	04/17/84	Brighton, et al.	128	784
	39	4,467,808	08/28/84	Brighton, et al.	128	419F
	40	4,487,834	12/11/84	Brighton	435	173
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	42	4,509,520	04/09/85	Dugot	128	419
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	<b>55</b>	6,083,149	07/04/00	Wascher, et al.	600	9
	<b>56</b>	6,132,362	10/17/00	Tepper, et al.	600	14
	<b>57</b>	6,186,940 B1	02/13/01	Kirschbaum	600	12
	<b>58</b>	6,261,221 B1	07/17/01	Tepper, et al.	600	14
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	<b>62</b>	2002/0052634 A1	05/02/02	March	607	50
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	<b>64</b>	4,467,809	08/28/04	Brighton,	607	51
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Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
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	67	WO 01/62336 A1	08/30/01	PCT			
	68	WO 2005/070136 A2	08/04/05	PCT			
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